

ARCHITECTURAL TIMBER

TECHNICAL GUIDE

NAME	GW x Abodo Cladding: Marlu
QUALITY	C2LAMVG Grade/A good appearance grade that combines some clear three sides product, along with product containing defects including knots, resin pockets and glue cavities individually up to 1/3rd of the board width. Reverse side with knots and defects allowed according to Standard Grade. The reverse face may also have skip dress present and one under-thickness lamina up to 4mm depth, provided the function of the product is not compromised ie: boards fit together correctly and will sit flat on a wall. NOTE: As this is a visually graded product up to 5% of the volume may be supplied as 'out of grade', allowing for variation in grade interpretation. Some grading and cutting out of defects may be required to meet customer expectations and/or requirements of the ABCB.
FINISH	Fine band sawn face (some variation in the visual appearance of finish can be expected).
INTENDED USE	Above ground applications for residential and light commercial buildings – wall cladding, soffits, interior linings.
DURABILITY	Class 1 (EN350-1), Class 2 above ground (AS5604).
INSECT ATTACK	TPX is suitable for use in areas south of Tropic of Capricorn. H3 LOSP treated suitable for use in all areas.
EXPECTED SERVICEABLE LIFE	30 years or more when installed and maintained according to manufacturer's recommendations.
WARRANTY	25 years against fungal and termite attack (subject to terms and conditions). See separate Warranty Statement.
MOISTURE CONTENT	Approx. 7% MC (+/-2%) at time of dispatch.
CONSTRUCTION	Laminated with vertical grain orientation.
GLUE	New generation polyurethane adhesive – VOC, solvent and formaldehyde free. Exterior Type 1 – AS/NZS4364. Approved for Service Class 3 (exposed exterior applications).
EXPECTED DIMENSIONAL CHANGE IN STRUCTURE	Width expansion approx 2%, length expansion approx 0.25%, thickness expansion approx 3% (from 7%MC to fibre saturation – variation will occur between boards).
AVERAGE DRY DENSITY	420kg/m ³ .
FIRE	Group 3 (interior).
HARDNESS	Low (2.5kN Janka)
WEIGHT	Dry ~7.5 kg/m ² ; Wet ~11 kg/m ² . (Values are approximate only and subject to variation).
THERMAL PROPERTIES	~0.095 W/(mK). (Thermal conductivity is reduced by 20-25% compared with radiata pine).
PH (INDICATIVE)	3.9.

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COMPATIBILITY	Vulcan has little corrosiveness on most metals and can be placed in contact with most building materials. Care should be taken to separate timber from zinc. In general cross linking PVA, PU, MUF epoxy glues and RF resins can be used, however a specific adhesive specification may be required considering the low moisture content and unique characteristics of the timber.
COATING	Vulcan will take most stains, penetrating oils and paints well, though up-take of coating is generally higher than normal. At least one coat must be applied all sides including back face, and ends, and at least two coats to the front face and edges with Abodo Protector or other approved proprietary wood stain or paint system. Available factory pre-coated.
ENVIRONMENTAL PRODUCT DECLARATION (EPD) REGISTRATION NUMBER	S-P-01543.
LIVING BUILDING CHALLENGE	Declare Certified, Red List Free.
PLACE OF MANUFACTURE	Grown and manufactured in New Zealand.